

# EVALUATION FORM MASTER'S DISSERTATION

## FACULTY OF ENGINEERING AND ARCHITECTURE

Master of Science in de ingenieurswetenschappen, Master of Science in Engineering

Master's dissertation of 24 or 30 credits\*

Name student		Academic Year	
Title master's dissertation		Exam period	
Dissertation advisory committee		Date	

## Instructions for use

Pass				Fail	
Excellent (18-20)	Very good (16-17)	Good (14-15)	Sufficient (10-13)	Insufficient (8-9)	Weak (0-7)

## Competences

	This competence needs to be evaluated here
	This competence can be evaluated here
	This competence should not be evaluated here

Assessment '**process**' by the dissertation advisory committee  
Assessment '**exam**' by the assessment committee  
Assessment '**product**' by both committees

		PROCESS	PRODUCT	EXAM
	Relative weight	30	30	40
<b>1 Independently search for relevant and up-to-date information and critically process it.</b>	Research Processing & critical analysis			
<b>2 Formulate a research question, starting from a complex scientific problem within the own engineering discipline.</b>	Insight into the problem statement Formulation of the research question			
<b>3 Apply a creative and/or innovative, appropriate research methodology.</b>	Organizational skills and application Quality of the methodology			
<b>4 Integratively apply advanced, theoretically in-depth knowledge of the own engineering discipline to a given problem.</b>	Applying knowledge Implementation			
<b>5 Apply problem-solving thinking under uncertain and/or conflicting constraints, with attention to the appropriate level of abstraction.</b>	Conceptual problem-solving thinking Dealing with uncertainty			
<b>6 Critically interpret and validate own results, write them down, summarize them, and clearly communicate them orally in English, while substantiating the decisions made.</b>	Justifying the choices made Critical analysis Clear communication			
<b>7 Work and collaborate in a professional manner.</b>	Organisation and time management Attitude			
<b>8 Reflect on the own research topic and chosen methodology from various perspectives such as sustainability, international context, and ethical implications.</b>				
<b>9 Critically reflect on the own thinking and actions, handle feedback and the limits of the own competencies in a conscious and responsible manner.</b>	Handling feedback Critical view of one's own performance			
<b>10 Scientific integrity and ethical conduct.</b>	Scientific integrity Ethical behavior			
Partial marks*				

Qualitative feedback***	Global mark****

\*Master's dissertation of 30 credits: International Master of Science in Fire Safety Engineering, European Master of Science in Nuclear Fusion and Engineering Physics, International Master of Science in Textile Engineering, Master of Science in Photonics Engineering, International Master of Science in Advanced Design of Sustainable Ships and Offshore Structures

\*\*No automatic calculation

\*\*\*If the mark on any of the four evaluation categories or on any of the underlying evaluation criteria is lower than 10/20, a clear justification is required.

\*\*\*\* If the mark on one of the three evaluation categories is 8/20 or less than 8/20, the dissertation advisory committee and the assessment committee can conclude, by consensus, that the student can no longer pass the entire master's dissertation. If that is the case, and if the final mark according to weighting factors is 10/20 (or more), the final mark will be reduced to the highest failing mark, 9/20. If these special conditions apply, a specific argumentation and a fair justification is required based on the final competences of the master's dissertation.